

Converting Colors

XYZ(48.1802, 53.6848, 59.2482)

Have a look what the booklet for
XYZ(48.1802, 53.6848, 59.2482)
contains.

XYZ(48.1759, 53.6754, 59.4510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.1759, 53.6754,
59.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C6C3
RGB	177, 198, 195
RGB Percent	69%, 78%, 76%
CMY	0.3059, 0.2235, 0.2353
CMYK	0.11, 0.00, 0.02, 0.22
HSL	171°, 16%, 74%
HSV	171°, 11%, 78%
XYZ	48.1759, 53.6754, 59.4510
YIQ	191.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

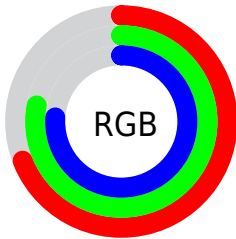
Format	Color
RYB	177, 188, 198
Decimal	11650755
CIELab	78.27, -7.69, -0.93
CIELCh	78, 7.743, 186.889
Yxy	53.6754, 0.2987, 0.3328
Android (android.graphics.Color)	4289840835 (0xFFB1C6C3)
YUV	191.3790, 1.7852, -12.6104
Hunter-Lab	73.2635, -10.8348, 3.1725

Details

The XYZ color **48.1759, 53.6754, 59.4510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2510, 46.7468, 49.7152**, and the grayscale version is **49.7373, 52.3275, 56.9846**.

A 20% lighter version of the original color is **86.9350, 95.8719, 106.0186**, and **23.0932, 26.1547, 29.0305** is the 20% darker color. If you saturate the color by 10%, you get **43.6723, 51.3918, 57.5860**, and if you desaturate by 10%, it is **53.3430, 56.3033, 61.3809**.

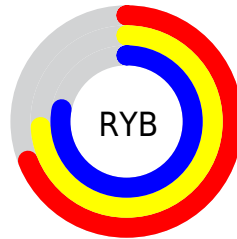
Distribution



Red (69%)

Green (78%)

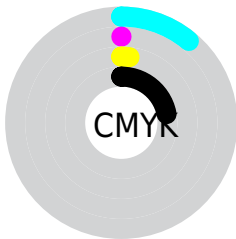
Blue (76%)



Red (69%)

Yellow (74%)

Blue (78%)

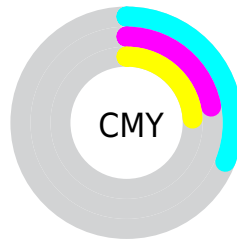


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (31%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1759, 53.6754, 59.4510 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.1759, 53.6754, 59.4510 by changing the saturation by 10% instead.

■ 48.1759, 53.6754,
59.4510

■ 48.1759, 53.6754,
59.4510

370.0599,
400.8710, 440.3195

■ 34.1780, 38.3422,
42.5539

■ 86.6744, 95.5975,
105.5684

■ 23.1939, 26.2484,
29.2064

111.9057,
122.9552, 135.6258

■ 14.8583, 17.0096,
18.9901

141.6122,
155.0898, 170.9070

■ 8.8056, 10.2413,
11.4864

176.1592,
192.3858, 211.8306

■ 4.6707, 5.5592,
6.2767

215.9121,
235.2275, 258.8151

■ 2.0881, 2.5790,
2.9426

261.2363,

■ 0.6828, 0.9161,

283.9993, 312.2791

1.0654

312.4971,
339.0857, 372.6410

■ 0.0000, 0.0000,
0.0000

■ 48.1759, 53.6754,
59.4510

■ 48.1759, 53.6754,
59.4510

■ 43.6723, 51.3918,
57.5860

■ 53.3430, 56.3033,
61.3809

■ 39.7996, 49.4313,
55.7810

■ 59.1954, 59.2823,
63.3737

■ 36.5292, 47.7806,
54.0355

■ 65.7597, 62.6275,
65.4318

■ 33.8285, 46.4229,
52.3478

■ 72.6152, 66.1222,
67.5357

■ 31.6616, 45.3397,
50.7161

■ 72.9631, 66.2613,
69.3674

■ 29.9890, 44.5106,
49.1383

■ 73.3172, 66.4030,
71.2320

■ 28.7651, 43.9122,
47.6121

■ 73.6775, 66.5471,
73.1295

■ 27.9362, 43.5167,
46.1349

■ 74.0442, 66.6938,
75.0602

■ 27.4218, 43.2808,
44.7873

■ 74.4171, 66.8430,
77.0242

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3812, 53.6754, 55.2259



48.1759, 53.6754, 59.4510



48.7197, 53.6754, 63.6019

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.1759, 53.6754, 59.4510



52.7876, 53.6754, 65.3814



52.1702, 53.6754, 51.0929

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.1759, 53.6754, 59.4510



47.2510, 46.7468, 49.7152

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.3852, 53.6754, 53.5717



48.1759, 53.6754, 59.4510



53.7465, 53.6754, 61.7835

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.1759, 53.6754, 59.4510



51.3675, 53.6754, 67.1339



53.9674, 53.6754, 57.4472



50.6678, 53.6754, 50.5372

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.1759, 53.6754, 59.4510



49.4402, 53.6754, 65.7224



53.9674, 53.6754, 57.4472



52.6266, 53.6754, 51.7227

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.1774, 53.6777, 59.4522



92.1157, 98.5076, 107.8461



46.9889, 53.2861, 49.4046



19.5528, 21.0014, 23.0236



0.0000, 0.0000, 0.0000



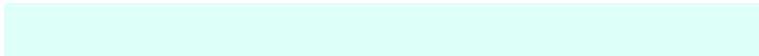
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.1774, 53.6777, 59.4522



83.1344, 93.9444, 104.4080



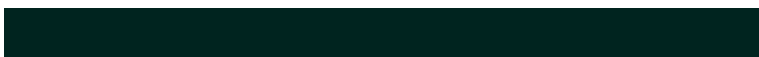
46.8807, 50.5354, 60.7121



10.8790, 12.0405, 13.3129



17.8565, 28.1550, 29.2524



0.8639, 1.3405, 1.4818

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2510, 46.7468, 49.7152



81.1300, 78.9463, 83.3387



48.4397, 49.6084, 48.6183



10.6946, 10.6612, 11.3752



15.3033, 7.8709, 1.5409



0.7451, 0.3809, 0.1808

Previews

White Background



This preview shows how the XYZ color 48.1759, 53.6754, 59.4510 looks on a white background.

Color Contrast Check

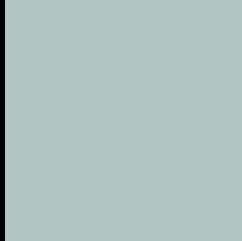
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.1759, 53.6754, 59.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

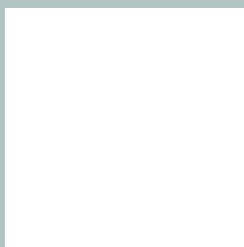
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1759, 53.6754, 59.4510

Background



This preview shows how black text looks on a background with the XYZ color 48.1759, 53.6754, 59.4510.



This preview shows how white text looks on a background with the XYZ color 48.1759, 53.6754,

59.4510.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.1759, 53.6754, 59.4510

Protanopia

51.3900, 53.3754, 57.4631

Deuteranopia

54.4267, 53.2735, 60.2375



Tritanopia

50.3202, 53.8863, 69.3770

Trichromacy



Original Color

48.1759, 53.6754, 59.4510

Protanomaly

50.1526, 53.3810, 58.1123

Deuteranomaly

51.8833, 53.2529, 59.7688

Tritanomaly

49.5761, 53.9240, 65.5530

Monochromacy



Original Color

48.1759, 53.6754, 59.4510

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0559, 52.8284, 57.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1759, 53.6754, 59.4510 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(177, 198, 195) looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.1759, 53.6754, 59.4510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 198, 195) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(177, 198, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(177, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1759, 53.6754, 59.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
198, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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